

Converting Colors

Hex(8686EC)

Have a look what the booklet for
Hex(8686EC) contains.

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Color

Hex(8686EC)

Conversions

Conversions Part 1

Format	Color
Hex	8686EC
RGB	134, 134, 236
RGB Percent	53%, 53%, 93%
CMY	0.4745, 0.4745, 0.0745
CMYK	0.43, 0.43, 0.00, 0.07
HSL	240°, 73%, 73%
HSV	240°, 43%, 93%
XYZ	33.4969, 28.1747, 83.0297
YIQ	145.6280, -32.7420, 31.7220

Conversions

Conversions Part 2

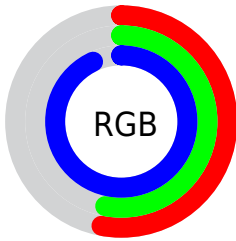
Format	Color
RYB	134, 134, 236
Decimal	8816364
CIELab	60.05, 25.39, -51.61
CIElCh	60, 57.515, 296.198
Yxy	28.1747, 0.2315, 0.1947
Android (android.graphics.Color)	4287006444 (0xFF8686EC)
YUV	145.6280, 44.5534, -10.1978
Hunter-Lab	53.0798, 19.7559, -55.5880

Details

The Hex color **8686EC** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **ECEC86**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **BFBBFF**, and **4D55B4** is the 20% darker color. If you saturate the color by 10%, you get **6E6EEC**, and if you desaturate by 10%, it is **9E9EEC**.

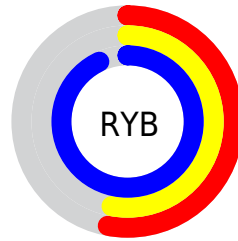
Distribution



Red (53%)

Green (53%)

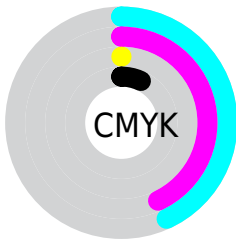
Blue (93%)



Red (53%)

Yellow (53%)

Blue (93%)

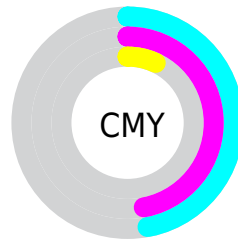


Cyan (43%)

Magenta (43%)

Yellow (0%)

Black (7%)



Cyan (47%)

Magenta (47%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8686EC changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 8686EC by changing the saturation by 10% instead.

 8686EC

 8686EC

FFFFFF

 6A6DCF

 BFBBFF

 4D55B4

 DCD7FF

 2E3D98

 FAF3FF

 00287E

 001464

 00004C

 000434

 00021E

 000000

 8686EC

 8686EC

 6E6EEC

 9E9EEC

 5757EC

 B5B5EC

 3F3FEC

 CDCDEC

 2828EC

 E4E4EC

 1010EC

 FCFCEC

 0000EC

 FFFFEC

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0098F6



8686EC



C870CA

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



8686EC



D6783C



00A988

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



8686EC



ECEC86

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



3AA455



8686EC



B18C22

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



8686EC



EB6667



809B2D



00A9BC

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



8686EC



E165AA



809B2D



00A877

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



8686EC



DEDEFF



86ECEC



6B6B80



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



8686EC



7A7AFF



B986EC



6A6A75



0000B5



000036

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



EC86EC



FF7AFF



B9EC86



756A75



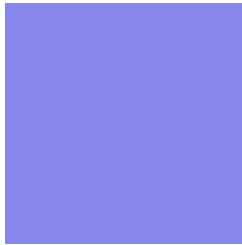
B500B5



360036

Previews

White Background



This preview shows how the Hex color 8686EC looks on a white background.

Color Contrast Check

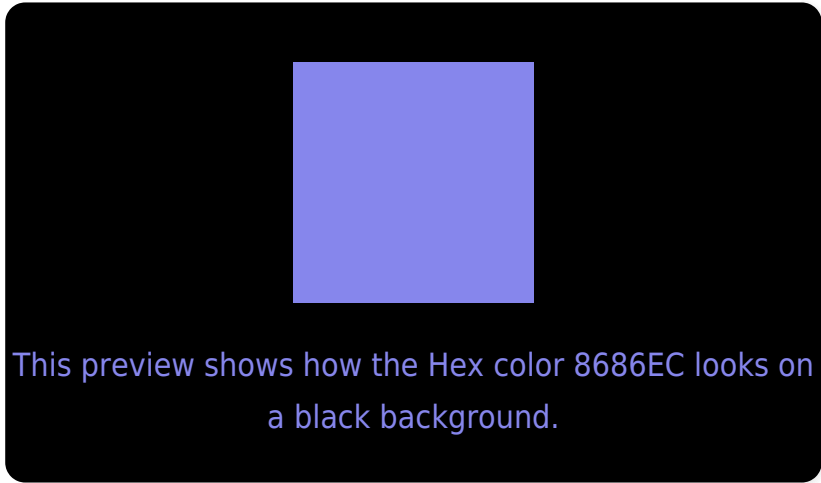
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

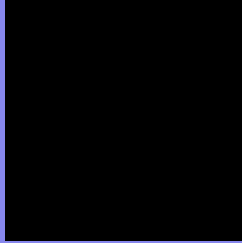
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 8686EC Background



This preview shows how black text looks on a background with the Hex color 8686EC.



This preview shows how white text looks on a background with the Hex color 8686EC.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

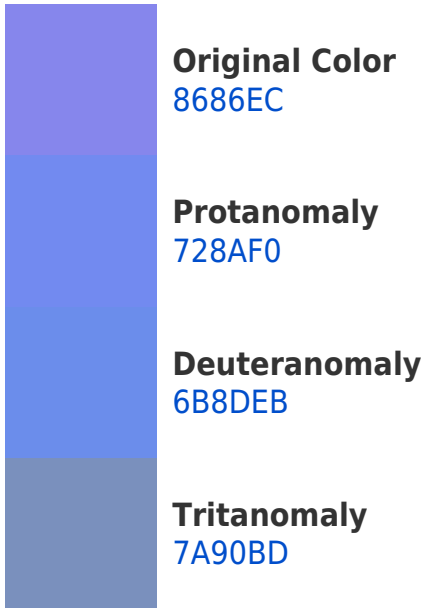
Dichromacy





Tritanopia
7396A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8686EC is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #8686EC looks like.

```
.text, #text, p{  
    color:#8686EC  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #8686EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8686EC
}
```

Border

The CSS property to change the border of an element to Hex 8686EC is called "border". The border property can be set on classes, ids or directly on the HTML element.

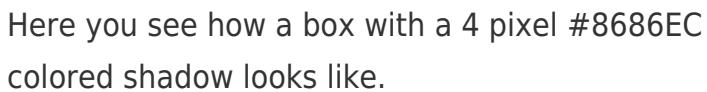
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8686EC }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#8686EC }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #8686EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8686EC; -webkit-box-shadow:4px 4px  
4px 4px #8686EC; box-shadow:4px 4px 4px  
4px #8686EC }
```

Background

The CSS property to change the background color of an element to Hex 8686EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8686EC }
```

If only the background color should be changed can be used:

```
.background{ background-color:#8686EC }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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